

Abstract

This invention relates to a method and a device for producing blow-molded plastic hollow bodies. The device is of an enhanced design which avoids the shortcomings of traditional blow-molding technology. The extrusion die according to this invention is adjustable for different settings to produce different, partly overlapping wall thicknesses of the parison blank in order to compensate for the insufficiencies inherent in blow-molding and to obtain a finished blow-molded product with as consistent and uniform a wall thickness as possible, with an overlay, for instance in vertical wall sections, of evenly spaced longitudinal ribs. A technical concept is introduced whereby, as a novel process, the two conventional measures used to achieve a uniform wall thickness in the finished blow-molded hollow body are complemented by an additional, third step which makes it possible to produce containers whose hollow bodies are provided with targeted, intentional and reproducible irregular wall-thickness patterns.